

**REMARKS**

In the Office Action<sup>1</sup>, the Examiner:

1. rejected claims 1, 4, 6, 11, 12, 17, 20, 27, and 28 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,646,676 to Dewkett et al.  
("Dewkett") in view of U.S. Patent No. 4,616,263 to Eichelberger  
("Eichelberger");
2. rejected claims 2, 18, and 26 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and further in view of U.S. Patent No. 6,286,142 to Ehreth ("*Ehreth*");
3. rejected claims 3, 5, 10, 13, 15, 19, 23, and 24 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and further in view of U.S. Patent No. 6,139,197 to Banks ("*Banks*");
4. rejected claims 7-9, 21, and 22 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and further in view of U.S. Patent No. 6,151,325 to Hluchyj ("*Hluchyj*");
5. rejected claims 14 and 25 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, *Banks*, and further in view of U.S. Patent No. 6,014,706 to Cannon et al. ("*Cannon*"); and
6. rejected claim 16 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, *Banks*, and further in view of U.S. Patent No. 6,052,715 to Fukui et al. ("*Fukui*").

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<sup>1</sup> The Office Action contains a number of statements reflecting characterizations of the related art and the claims. Regardless of whether any such statement is identified herein, Applicant declines to automatically subscribe to any statement or characterization in the Office Action.

Applicant has amended claims 1 and 17, and claims 1-28 remain pending.

**I. Rejection of claims 1, 4, 6, 11, 12, 17, 20, 27, and 28 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett* in view of *Eichelberger***

Applicant respectfully traverses the rejection of claims 1, 4, 6, 11, 12, 17, 20, 27, and 28 under 35 U.S.C. § 103(a). A *prima facie* case of obviousness has not been established with respect to these claims.

The key to supporting any rejection under 35 U.S.C. § 103 is the clear articulation of the reason(s) why the claimed invention would have been obvious. See M.P.E.P. § 2142, 8th Ed., Rev. 6 (Sept. 2007). Such an analysis should be made explicit and cannot be premised upon mere conclusory statements. See id. “A conclusion of obviousness requires that the reference(s) relied upon be enabling in that it put the public in possession of the claimed invention.” M.P.E.P. § 2145. Furthermore, “[t]he mere fact that references can be combined or modified does not render the resultant combination obvious unless the results would have been predictable to one of ordinary skill in the art” at the time the invention was made. M.P.E.P. § 2143.01(III), internal citation omitted. Moreover, “[i]n determining the differences between the prior art and the claims, the question under 35 U.S.C. § 103 is not whether the differences themselves would have been obvious, but whether the claimed invention as a whole would have been obvious.” M.P.E.P. § 2141.02(I), internal citations omitted (emphasis in original).

“[T]he framework for the objective analysis for determining obviousness under 35 U.S.C. 103 is stated in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966). . . . The factual inquiries . . . [include determining the scope and content of the

prior art and] . . . [a]scertaining the differences between the claimed invention and the prior art." M.P.E.P. § 2141(II). "Office personnel must explain why the difference(s) between the prior art and the claimed invention would have been obvious to one of ordinary skill in the art." M.P.E.P. § 2141(III).

Amended independent claim 1 recites a system comprising, *interalia*:

a massively parallel video server . . .

a plurality of client devices . . .

a system controller configured to monitor the video server and client devices by sending fixed interval echo messages to the video server and client devices, determining a fault condition when at least one of the video server and client devices does not respond to the echo message, and displaying a color coded fault indication on a display;

. . .

(emphasis added). *Dewkett* discloses a system that "eliminates bandwidth limitations caused by transmitting movie data (and similar text/graphic data) through system memory buses and associated buses" (col. 4, lines 13-15). In *Dewkett*, a client device "maintains a continuous transmission of the movie for smooth TV viewing of the movie data by issuing a series of next block commands to the MM controller (transparent to the human user of the STB)[.] . . . buffers each received data block, and performs any decoding, cryptography, metering, and control function as it outputs the STB buffered data to the attached TV set for viewing and sound" (col. 5, line 65 - col. 6, line 5).

Even assuming that *Dewkett* discloses the claimed "video server program," which Applicant does not concede, *Dewkett* does not teach or suggest the claimed "fixed interval echo messages" and "fault indication." Therefore, *Dewkett* does not teach or suggest "a system controller configured to monitor the video server and client devices

by sending fixed interval echo messages to the video server and client devices, determining a fault condition when at least one of the video server and client devices does not respond to the echo message, and displaying a color coded fault indication on a display," as recited in claim 1.

*Eichelberger* does not cure the deficiencies of *Dewkett*. *Eichelberger* discloses a video control unit for "determining the storage location of video segments and for scheduling broadcast times for various segments" (col. 1, lines 36-38). However, *Eichelberger* does not teach or suggest "a system controller configured to monitor the video server and client devices by sending fixed interval echo messages to the video server and client devices, determining a fault condition when at least one of the video server and client devices does not respond to the echo message, and displaying a color coded fault indication on a display," as recited in claim 1.

As set forth above, the combination of *Dewkett* and *Eichelberger* does not teach or suggest all elements of claim 1. Moreover, there is no teaching or suggestion that would lead one of ordinary skill in the art to modify the references to achieve the combination of claim 1. Thus, as outlined above, the Office Action has neither properly determined the scope and content of the cited references nor properly ascertained the differences between the cited references and claim 1. Therefore, no reason has been clearly articulated as to why the claim would have been obvious to one of ordinary skill in view of the cited references and a *prima facie* case of obviousness has not been established with respect to claim 1.

Thus, claim 1 is allowable for at least these reasons, and claims 4, 6, 11, 12, and 27 are also allowable at least due to their dependence from claim 1.

Independent claim 17, while of different scope, recites features similar to those of claim 1 and is thus allowable over *Dewkett* and *Eichelberger* for reasons similar to those discussed above in regard to claim 1. Moreover, claims 20 and 28 are also allowable at least due to their dependence from claim 17.

**II. Rejection of claims 2, 18, and 26 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and *Ehreth***

Regarding the rejection of claims 2, 18, and 26, which depend from claims 1 and 17, the Examiner relies on *Ehreth* for allegedly disclosing "a method for communicating video signals to a plurality of television sets 100" (Office Action at page 7). Even assuming this assertion is correct, which Applicant does not concede, *Ehreth* does not compensate for the deficiencies of *Dewkett* and *Eichelberger* with respect to the independent claims.

Therefore, a *prima facie* case of obviousness has not been established for claims 2, 18, and 26 and the Examiner should withdraw the rejection of the claims under 35 U.S.C. § 103(a).

**III. Rejection of claims 3, 5, 10, 13, 15, 19, 23, and 24 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and *Banks***

Regarding the rejection of claims 3, 5, 10, 13, 15, 19, 23, and 24, which depend from claims 1 and 17, the Examiner relies on *Banks* for allegedly disclosing "a Video Server 102 with a video encoder 106 that streams real-time video on the fly to Client 110" (Office Action at page 8). Even assuming this assertion is correct, which Applicant does not concede, *Banks* does not compensate for the deficiencies of *Dewkett* and *Eichelberger* with respect to the independent claims.

Therefore, a *prima facie* case of obviousness has not been established for claims 3, 5, 10, 13, 15, 19, 23, and 24 and the Examiner should withdraw the rejection of the claims under 35 U.S.C. § 103(a).

**IV. Rejection of claims 7-9, 21, and 22 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, and *Hluchyj***

Regarding the rejection of claims 7-9, 21, and 22, which depend from claims 1 and 17, the Examiner relies on *Hluchyj* for allegedly disclosing "a high-capacity multistage switching system" (Office Action at page 9). Even assuming this assertion is correct, which Applicant does not concede, *Hluchyj* does not compensate for the deficiencies of *Dewkett* and *Eichelberger* with respect to the independent claims.

Therefore, a *prima facie* case of obviousness has not been established for claims 7-9, 21, and 22 and the Examiner should withdraw the rejection of the claims under 35 U.S.C. § 103(a).

**V. Rejection of claims 14 and 25 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, *Banks*, and *Cannon***

Regarding the rejection of claims 14 and 25, which depend from claims 1 and 17, the Examiner relies on *Cannon* for allegedly disclosing "a Video Camera 106 and an encoder 110 that performs encod[ing] video off-line or live" (Office Action at page 10). Even assuming this assertion is correct, which Applicant does not concede, *Cannon* does not compensate for the deficiencies of *Dewkett*, *Eichelberger*, and *Banks* with respect to the independent claims.

Therefore, a *prima facie* case of obviousness has not been established for claims 14 and 25 and the Examiner should withdraw the rejection of the claims under 35 U.S.C. § 103(a).

**VI. Rejection of claim 16 under 35 U.S.C. § 103(a) as being unpatentable over *Dewkett*, *Eichelberger*, *Banks*, and *Fukui***

Regarding the rejection of claim 16, which depends from claim 1, the Examiner relies on *Fukui* for allegedly disclosing a "server 6 which provides data in the form of HTML to Information Terminal 1" (Office Action at page 11). Even assuming this assertion is correct, which Applicant does not concede, *Fukui* does not compensate for the deficiencies of *Dewkett*, *Eichelberger*, and *Banks* with respect to the independent claims.

Therefore, a *prima facie* case of obviousness has not been established for claims 14 and 25 and the Examiner should withdraw the rejection of the claims under 35 U.S.C. § 103(a).

**VII. Conclusion**


In view of the foregoing, Applicant respectfully requests reconsideration of this application and the timely allowance of the pending claims.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

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Dated: March 16, 2009

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